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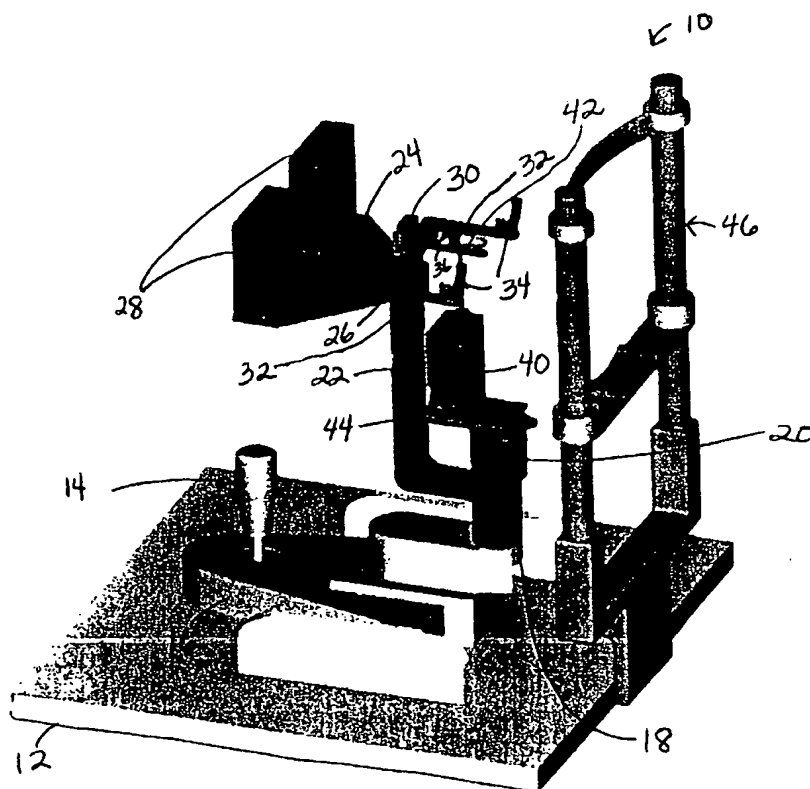
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(54) Title: APPARATUS AND METHOD FOR SELF-MEASUREMENT OF INTRAOCULAR PRESSURE



(57) Abstract: An apparatus and method for the self-measurement of intraocular pressure utilize a tonometer disposed within a housing and having a tonometer tip. The apparatus further includes an adjustment mechanism in communication with the tonometer for positioning the tonometer tip in contact with a test eye of the user, and an illuminator mounted within the housing adjacent the tonometer tip. A receiver is aligned with the tonometer tip for receiving an applanation pattern created by contact of the tonometer tip with the test eye, and a display is provided in communication with the receiver for displaying the applanation pattern to an observing eye of the user. The intraocular pressure of the test eye is determined from a force applied by the tonometer tip upon observation of a selected applanation pattern by the observing eye.

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